Nov 29, 2021

Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe Street
Baltimore, MD 21205

Dear Faculty Search Committee,

I am writing to apply for the position of Assistant Professor of Biostatistics at Johns Hopkins University.

I am currently a postdoctoral researcher with Prof. Tamara Broderick at the Massachusetts Institute of Technology's Laboratory for Information and Decision Systems, where I study the robustness of frequentist and Bayesian statistical procedures, both theoretically and with applications including single-cell RNA sequencing analysis, development economics, and a MURI-grant funded study of ocean dynamics. I received my PhD in statistics from the University of California at Berkeley under the supervision of Prof. Michael Jordan, Prof. Jon McAuliffe, and Prof. Tamara Broderick. Additionally, I have earned an MSc with distinction in econometrics from the London School of Economics and BS degrees in mathematics and engineering mechanics with honors from the University of Illinois at Urbana–Champaign. My work history includes four years as an engineer at Google and two years as a Peace Corps volunteer in Kazakhstan.

I believe that my work on computational statistics and machine learning, particularly my work developing variational methods for large genomics datasets, together with my strong history of interdisciplinary research, make the Johns Hopkins University biostatistics department a particularly good fit for me. The opportunity to contribute to a better world through genomics and precision medicine is very exciting.

I appreciate your consideration. Sincerely,

Dr. Ryan J. Giordano

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